## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Gustafsson *et al.* Confirmation No.: 5350

Application No.: 10/566,953 Group Art Unit: 1631

Filed: January 31, 2006 Examiner: Shubo Zhou

For: SYSTEMS AND METHODS FOR Attorney Docket No: 11548-002-999

BIOPOLYMER ENGINEERING (888651-999001)

## AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.114

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action mailed December 7, 2010 ("Office Action") in connection with the above identified patent application and in accordance with Rule 146 of the Rules of Practice, please consider the following remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 14 of this paper.